

What is claimed is:

1. A steel manufacturing dust solidified, which is a solid product formed by pressing and forming a dust containing, as a principal component, iron occurring during an iron and steel manufacturing process.
2. The steel manufacturing dust solidified as claimed in Claim 1, wherein the pressing and forming is caused by a mold.
3. The steel manufacturing dust solidified as claimed in Claim 1, which is a columnar body having a round cross-sectional shape.
4. The steel manufacturing dust solidified as claimed in Claim 2, which is 50 to 100 mm in diameter and 30 to 80 mm in height.
5. The steel manufacturing dust solidified as claimed in Claim 4, in which the ratio of the height relative to the diameter is within the range of 0.7 to 0.8.
6. A process of manufacturing a steel manufacturing dust solidified, in which a dust containing as a principal component iron occurring during an iron and steel manufacturing process is charged into and pressed within a mold to provide a solid product.
7. The process of manufacturing the steel manufacturing dust solidified as claimed in Claim 6, wherein the mold is in the form of a vertically oriented cylindrical chamber.
8. The process of manufacturing the steel manufacturing dust solidified as claimed in Claim 6, wherein a powder of carbon, aluminum or the like generated during the iron and steel manufacturing process is mixed in the dust as a binder and is then charged into the mold.
9. A manufacturing apparatus for a steel manufacturing dust solidified, which is operable to press and form a dust containing as a principal component iron occurring during an iron and steel manufacturing process to provide a solid product, which apparatus comprises a mold in the form of a cylindrical chamber,

a lid member for closing one end of this mold, and a plunger capable of advancing from the opposite end into the mold to press the dust within the mold.

10. The manufacturing apparatus for the steel manufacturing dust solidified as claimed in Claim 9, wherein the mold is oriented vertically and the end, at which the lid member of this mold is provided, is on a lower side.